

RECORDING LIQUID AND IMAGE-RECORDING METHOD

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Abstract

PROBLEM TO BE SOLVED: To provide a recording liquid which not only has high image concentration, but also is capable of forming an image showing no bleed or infiltration on a recording paper and having excellent resistance to water, and further has excellent discharge stability, by preparing a liquid comprising a coloring agent, water and two types or more of resin particles.

SOLUTION: This recording liquid comprises a coloring agent, water and two types or more of resin particles, and is characterized in the followings. (A) The two types or more of resin particles have an average particle size of 0.01 to 5 μ m, and are contained in an amount of 10 to 95wt%. At least one type of them is prepared from a self-crosslinking resin. It is desired that at least one type consists of particles of an acrylic silicone resin, preferably containing an alkoxy silyl group. Further, it is desired that particles of a non-crosslinking fluororesin containing fluoroolefin units are also contained. (B) As the coloring agent, a pigment and a dye are both usable. The content in the recording liquid is, preferably, 1 to 50wt% in the case of a pigment and 0.2 to 40wt% in the case of a dye.

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